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JP02223934A

ELECTROPHORETIC DISPLAY DEVICE AND ITS MANUFACTURE

NIPPON MEKTRON LTD

**Inventor(s): ; AKATSUKA TAKATOSHI ; TOYAMA JIRO ; TADAKUMA AKIRA ; MORI
TAKASHI ; OSHIRO TATSUHIKO**

Application No. 01043609, Filed 19890225, Published 19900906

Abstract: PURPOSE: To easily and securely inject a dispersion system into respective holes by making a porous spacer of an elastic member and constituting one electrode plate flexibly.

CONSTITUTION: The elastic porous spacer 12 has many through holes 12B where a dispersion system is divided and charged and an adhesive fixation part 12A where no through holes 12B are provided is formed at the peripheral end area of the spacer 12 for the flexible electrode plate. The flexible electrode plate made of a film base material 13 which has an electrode pattern 14 formed on the opposite surface from the other electrode pattern 11 is arranged on the top surface of the elastic porous spacer 12. Then while the flexible electrode plate is arranged on the elastic porous spacer where the dispersion system is supplied excessively, a pressing force is applied to the flexible electrode plate side in order. Consequently, an excessive dispersion system is pressed out while the flexible electrode plate is brought into contact with the elastic porous spacer to easily charge the dispersion system in the respective through holes completely in the compressed state of the spacer without leaving any empty hole.

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Int'l Class: G02F001167 G09F00937 G02F0011339

MicroPatent Reference Number: 000148851

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